

AIM Ann Report  
1916 to 1917

119

ANNUAL REPORT  
OF THE  
AUCKLAND INSTITUTE  
AND  
MUSEUM,  
FOR  
1916-1917.

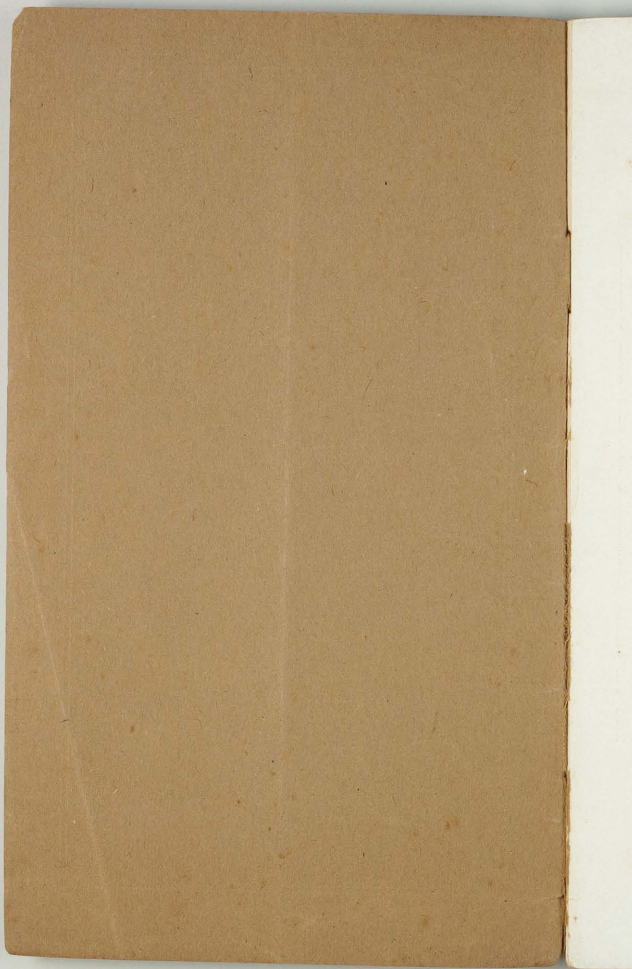
---

ADOPTED AT THE ANNUAL MEETING  
HELD FEBRUARY 26TH, 1917.

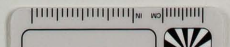
---

Auckland:  
WILSON & HORTON, PRINTERS, QUEEN AND WYNDHAM STREETS.—47465  
MCMXVII.

AIM Ann Report  
1916 to 1917



AIM Ann Report  
1916 to 1917





HALL FOR FOREIGN ETHNOGRAPHY AND GREY MAORI COLLECTION.



AIM Ann Report  
1916 to 1917

ANNUAL REPORT  
OF THE  
AUCKLAND INSTITUTE  
AND  
MUSEUM,  
FOR  
1916-1917.

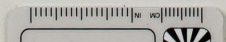
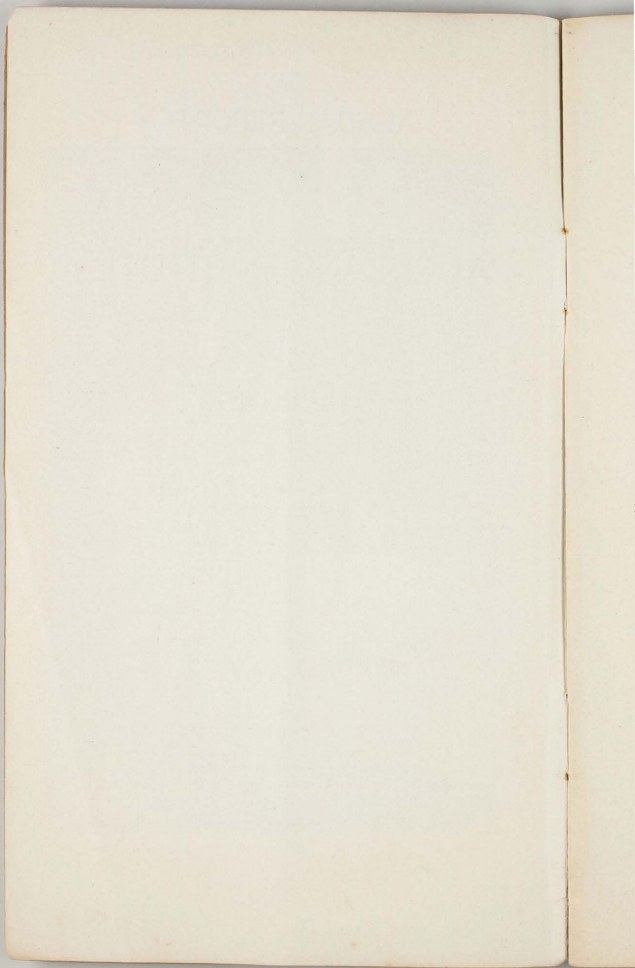
---

ADOPTED AT THE ANNUAL MEETING  
HELD FEBRUARY 26TH, 1917.

---

Auckland:  
WILSON & HORTON, PRINTERS, QUEEN AND WYNDHAM STREETS—47465  
MCMXVII.

AIM Ann Report  
1916 to 1917



# OFFICERS

OF THE

## AUCKLAND INSTITUTE.

---

**President :**

J. H. GUNSON, Esq., Mayor of Auckland

**Vice-Presidents :**

HON. E. MITCHELSON.

C. J. PARR, C.M.G., M.P.

**Council :**

EGERTON, PROF. C. W., M.A.

PETRIE, D., M.A.

KENDERDINE, J.

SEGAR, PROF. H. W., M.A.

LEYS, T. W.

THOMAS, PROF. A. P. W., M.A.

MILLER, E. V.

UPTON, J. H.

PEACOCK, T.

VAILE, H. E.

WORLEY, PROF. F. P., M.Sc.

**Trustees :**

PEACOCK, T.

REID, J.

UPTON, J. H.

**Secretary and Curator :**

T. F. CHEESEMAN, F.L.S., F.Z.S.

**Assistant and Preparator of Specimens :**

L. T. GRIFFIN, F.Z.S.

**Auditor :**

S. GRAY, F.R.A.

The following  
Periodicals and Publications of Societies  
are subscribed to by the Institute :

NATURE.  
THE PHILOSOPHICAL MAGAZINE.  
THE AMERICAN JOURNAL OF SCIENCE.  
AMERICAN CHEMICAL JOURNAL.  
THE ELECTRICIAN.  
THE PHYSICAL REVIEW.  
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.  
ANNALS AND MAGAZINE OF NATURAL HISTORY.  
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.  
ANNALS OF BOTANY.  
THE BOTANICAL GAZETTE.  
THE GARDENER'S CHRONICLE.  
JOURNAL OF AGRICULTURAL SCIENCE.  
THE GEOLOGICAL MAGAZINE.  
SCIENCE PROGRESS.  
THE ECONOMIC JOURNAL.  
THE LANCET.  
MIND.

---

TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.  
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY  
THE ZOOLOGICAL RECORD.  
PUBLICATIONS OF THE RAY SOCIETY.  
JOURNAL OF THE CHEMICAL SOCIETY.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.  
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.  
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.  
THE GEOGRAPHICAL JOURNAL.  
REPORT OF THE BRITISH ASSOCIATION.



## Report of the Council.

---

On the completion of another year, and in agreement with the rules of the Society, the Council presents its Forty-ninth Annual Report, dealing with the financial and general condition of the Institute, and the progress which it has made during the year.

**Members.**—The number of new members elected has been unusually large, amounting to no less than 84. Against this, 29 names have been withdrawn; 9 from death, 13 from resignation or removal from the district, and 7 from non-payment of subscription for more than two consecutive years. The net gain has thus been 55, the total number on the roll at the present time being 391. It may be remarked that this is the highest figure yet attained during the history of the Society.

The number of members removed by death is above the average, and includes several active workers. In Bishop W. L. Williams the Institute loses not only the leading authority on the philology of the Maori race, but also a botanist of no mean rank. Mr. A. T. Urquhart was for many years the chief worker in the spiders of the Dominion, and 21 papers are credited to his name in the Transactions. Mr. E. G. B. Moss interested himself chiefly in the Mollusca. Other members of old standing are Mr. J. J. Craig, Mr. R. Cranwell, Mr. P. Gleeson, Mr. J. W. James, and Mr. R. S. Lamb.

In common with almost all Societies and Associations within the British Empire, the Institute includes among its members no small number who are serving their King and country in the cruel and terrible war which the greed and rapacity of Germany has plunged the greater part of the civilised world. It has been suggested that the Institute might well be proud to retain such on its roll, as dormant members without payment of fees, so long as they are absent from the Dominion.

# AIM Ann Report 1916 to 1917

**Finance.**—An inspection of the Balance Sheets accompanying this Report will prove that the finances of the Society are in a thoroughly satisfactory position. The total revenue of the working account, deducting the balance in hand at the beginning of the year, has been £1,741 12s 6d, showing an increase of no less than £257 15s 1d on the amount credited last year. This is partly due to several additions made to the invested funds during the last eighteen months, consequent on the sale of certain important endowments, and partly to the increase in the membership of the Society. Examining the various items, it will be seen that the members' subscriptions have yielded £373 16s, against £308 14s realised last year. The receipts from the Museum Endowment, in rents and interest, have been £754 12s 2d. last year's sum being £550 16s. The invested funds of the Costley Bequest have provided £429 8s 11d, the amount for the previous year being £441 15s. The total expenditure has been unusually large, amounting to £1,960 11s 11d. Exceptional items have been £245 16s 2d, being part of the cost of refitting and rearranging both the new Ethnographical Hall and the Mineral Room, particulars of which will be given further on; £200 in part liquidation of the loan of £600, borrowed last year from the Investment Fund to provide for the cost of the above work; and a totally unexpected item of £114 5s for necessary repairs to the Caretaker's house. The above payments have naturally caused the balance in hand (£101 15s 3d) to be smaller than usual, but the amount will suffice to carry on the operations of the Society until it is replenished by the regular income.

With respect to the invested funds of the Society, the additions alluded to in the previous paragraph have raised the total amount to the sum of £22,793 7s 5d. With the exception of about £200, the whole of this is invested in specially-selected mortgages or in municipal debentures.

**Meetings.**—Nine meetings have been held during the year, at which the following papers and lectures were read, and an opportunity afforded for discussion:—

1. Canada: The Land of Mystery, Romance, and Gold.—By W. A. Beddoe, Canadian Trade Commissioner.
2. The Economic Aspects of the War.—By Professor H. W. Segar, M.A.
3. Shakespear: The Man and His Work.—By Professor Maxwell Walker.

4. Mountains: Their Origin and Growth.—By J. A. Bartrum, M.Sc.
5. Light and the Plant.—By Professor J. C. Johnson, M.A.
6. The European Sugar Bounties.—By E. V. Miller.
7. Price Movements in New Zealand: Their Industrial and Social Effects.—By Dr. McIlraith.
8. The Water Supply of Cities.—By W. E. Bush, C.E.
9. Victory and After.—By Archdeacon G. MacMurray.
10. The Vegetation of Lord Howe Island.—By W. R. B. Oliver.
11. On a new South Polynesian Palm, with Notes on the genus *Rhopalostylis*.—By Dr. Odoardo Beccari.
12. Descriptions of New Genera and Species of Coleoptera.—By Major T. Broun.
13. Descriptions of New Native Flowering Plants.—By D. Petrie.
14. Additional Facts concerning the distribution of Igneous Rocks in New Zealand.—By J. A. Bartrum, M.Sc.
15. Concretions in the recent sediments of Auckland Harbour.—By J. A. Bartrum, M.Sc.

Those of the above papers which were prepared for publication in the "Transactions of the New Zealand Institute" have been forwarded to the Editor, and will probably appear in Volume 49, now being sent to press. Volume 48, containing the papers read before the various branches of the Institute during the year 1915, was not received for distribution among the members until the end of November. Delays or irregularities in the appearance of the annual volume are decidedly objectionable, and authors will ultimately hesitate before submitting important memoirs to a Society which may retain them for nearly two years before publication.

The Council regrets that the Government has seen fit to withdraw the special grant of £250 which for several years has been voted in aid of the publication of the "Transactions." This action has compelled the Board of Governors of the Institute to levy a call of 2s 6d per volume on the copies supplied to the incorporated Societies, thus seriously hampering the activities of the Societies themselves.

# AIM Ann Report 1916 to 1917

In connection with this subject, it may be remarked that the statutory grant to the New Zealand Institute still remains at the sum of £500, the amount fixed at the foundation of the Institute 49 years ago. At that time the total membership of the Institute in all its branches amounted to only 178. At present the membership is about 1,100, nearly 400 of which are enrolled with the Auckland Institute. Surely it is time that the Government increased its annual subsidy to an amount more proportionate to that raised by the Incorporated Societies.

**Co-ordination of Science and Industry.**—Throughout the British Empire the present war has led to much discussion on the need of a more active co-operation between Science and Industry, and of a fuller recognition by the State of the value of scientific method and training in the furtherance of national progress. During the year, a Committee of the Council has discussed the matter, so far as it applies to New Zealand, and its report, together with others prepared in various parts of the Dominion, have been placed before a recently-constituted "Efficiency Board," now sitting at Wellington. In most parts of the Empire the war has revealed many educational and scientific deficiencies; and it is abundantly evident that drastic changes are necessary in educational and national policy. What is done in New Zealand may not affect those major decisions to be arrived at elsewhere; but it is hoped that they may assist in some small degree in the solution of a grave and important question.

**Museum.**—With the exception of a few days reserved for cleaning and rearrangement, the Museum has been open to the public daily throughout the year. The attendance of visitors, though satisfactory, has not been quite equal to the standard of the two previous years. Taking the Sunday attendance first, the register kept by the janitor shows that 23,447 people entered the building on that day, being an average of 451 for each Sunday. The greatest attendance, and the largest for any one day, was 1,752 on July 16; and the smallest 10, on August 13, an exceedingly stormy day. For the nine chief holidays of the year, the total number of visitors registered was 5,510, an average of 612 for each day. The greatest attendance on any single holiday was 1,278 on Easter Monday, the next being 804 on Good Friday. In the absence of any recording mechanism, the number of visitors on ordinary week days can only be estimated from occasional counts, but it is believed that an average attendance of 200 is well within the mark. This would imply a total week-day attendance of 60,800. This number, added to that for Sundays and holidays, gives a grand total of 89,757. Last year the estimated attendance was 93,925.



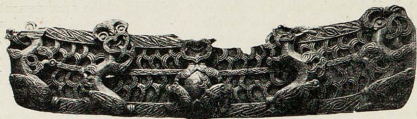
In last year's report, particulars were given of the arrangement made with the City Council under which the Russell Collection of plaster casts from the antique was deposited in the Art Gallery, and the Grey Collection of Maori antiquities lodged in the Museum. This change made the former Statue Hall available for other purposes; and it was decided to utilise it in the first place for the reception of the Grey Collection, and secondly for the fine series of foreign ethnographical articles in the possession of the Museum, a large portion of which had never been exhibited. The Council also indicated the financial measures that had been taken to defray the cost of the show-cases and other fittings required.

Since then the work of constructing the show-cases and placing them in position has been completed. Much time and labour was then devoted to what may be called the installation of the specimens; and it can be claimed that they have been displayed in an orderly sequence and mounted in an attractive and appropriate manner. Further, in the hope of affording as much information as possible to visitors, each exhibit has been provided with a printed descriptive label.

The Hall was opened to the public on April 17th, but it was several months later before the minor details of the labelling, etc., were finally completed.

The arrangement of all foreign ethnographical specimens in this Hall has liberated the smaller Hall in which a portion of them had been previously exhibited. This has been converted into a mineral room, and several months have been occupied in examining and sorting the whole of the geological specimens, fossils, etc., in the Museum. From these a series has been selected for exhibition, and suitably arranged and labelled. This work being completed, the room was opened to the public on December 4th. This change will make it possible to reserve the gallery of the main Hall entirely for representatives of the New Zealand Fauna—birds, fishes, reptiles, shells, and other invertebrata—and, in addition, will gain a little space for exhibits to be prepared by the taxidermist.

Many important additions have been made to the Ethnographical Collections during the year. From Mr. C. Douglas Tod the Museum has acquired by purchase a series of 88 Maori articles, the chief of which are an ancient stone-carved Pare of the rare Taranaki type; a carved stone fire-carrier (?) with lid complete; an ancient and finely-carved Koauau, or bone flute; a stone flute, or Ngunguru; two old wooden fish-hooks; a series of wooden tops; and many greenstone and ordinary stone adzes, etc. Mr. H. E.



ANCIENT STONE-CARVED PARE, OR LINTEL OF A DOORWAY.  
Length nearly 6 feet.

Partridge has presented a beautifully prepared plaster cast of the head of Wiremu Te Manawa, taken from a mould obtained during life by Mr. Lindauer and Sir Walter Buller. Te Manawa, who was the leading chief of the Ngatiraukawa tribe, was for many years considered to be the most perfectly tattooed Maori living, and an accurate representation of his tattoo has consequently great value. Mr. L. S. Bidwell has donated a number of remarkable carved bone spoons or beads, found at Mercury Bay, and probably part of a necklace. Such articles are of great rarity, and do not appear to have been used by the Maoris in European times. Mr. R. E. Isaacs has given an unusually large Kumete, or wooden bowl, dug up in a swamp near Helensville. Such bowls are now very seldom seen. Other noteworthy additions are a remarkable stone carving intended to represent a shark, presented by Mr. J. A. Court; an elaborately carved stone anchor, contributed by Mr. Davis, and another of a different type presented by Mr. C. Ford; a series of Maori grindstones from Captain Bollons; an interesting series of stone articles excavated on Mangare Hill, near Onehunga, donated by Mr. F. E. Powell; and various specimens presented by Mr. G. Graham, for many years a regular contributor to the Museum. Lastly, during the preparation of this report, a large and valuable collection, comprising over 50 Maori specimens and about 70 Polynesian and Melanesian, has been received as a bequest from the late Miss Ruth G. Northcroft. Among the Maori articles are several obtained by Captain Northcroft during the Maori War or shortly after it. Among these may be specially mentioned an unusually fine decorated Taiaha; three carved boxes of considerable merit; two meres; a fine ancient Patiti; and an elaborately carved bone Manaia.

During the year an American scientist, Dr. Elmore, has made a painstaking examination of some limestone caves and rock-shelters in the South Island, on the walls of which elaborate Maori pictographs have long been known to exist. These pictographs appear to be of greater interest than has hitherto been supposed; and at

the suggestion of Dr. Benham, of the Otago Museum, the Auckland Museum has agreed to join with the Otago and Wellington Museums in removing a number of slabs from the caves for permanent exhibition in the three Museums. The share for Auckland, consisting of ten slabs, is now being packed for transit, and will soon be received.

Lieutenant J. C. Drewet, once a resident of Auckland, but in recent years employed in survey work in the Federated Malay States, has presented to the Museum, through the kind offices of the High Commissioner for New Zealand, a well-selected collection of 27 articles, including spears, swords, krises, and domestic utensils. All have been obtained in the Malay State of Pahang, and form an acceptable addition to the Museum.

The Council are indebted to Dr. C. E. Wood, Bishop of Melanesia, for two remarkably fine full-sized canoes from the Solomon Islands; one a fishing-canoe inlaid with pearl-shell, the other the kind usually employed in voyages from island to island. The Council have had pleasure in showing their appreciation of the services rendered by Dr. Wood to the Museum by electing him an honorary member of the Institute.

The active and historical part taken by the New Zealand Expeditionary Force in Egypt has attracted the attention of the Dominion to that country, and for many years will continue to do so. Under these circumstances, the Council considers that it is almost a matter of duty to commence the formation of a small Egyptian collection, which to a certain extent will allow the citizens of Auckland to personally inspect some of the remains of the oldest known civilisation. Negotiations were consequently opened with the Gizeh Museum, at Cairo, and a collection of over 70 articles has been obtained, covering a wide range of subjects. These have been carefully packed in Cairo, and by this time are probably on their way. If circumstances permit, the Council hopes to gradually follow up this beginning by future consignments.

The amount of time necessarily given by the Curator and his staff to the arrangement of the Ethnographical and Mineral rooms has made it difficult to do much in the Natural History Department during the year; but it is hoped to remedy this in the coming season, when the greatly needed rearrangement of the New Zealand and foreign shells will be commenced, and when the taxidermist will resume his work of forming an exhibition series of the New Zealand food fishes. The following are the chief additions received since the last annual meeting:—An albino

# AIM Ann Report 1916 to 1917

Penguin (*Eudyptula minor*), obtained on the Great Barrier Island, and presented by Mr. Victor Blackwell; a specimen of the rare Tooth-billed Pigeon (*Didunculus strigirostris*) from the Samoan Islands, contributed by Mr. Mason Mitchell, United States Consul at Apia; a Sea-snake (*Hydruis platurus*), stranded on the Seventy-mile Beach, north of Ahipara, and donated by Mr. Leslie Henderson; a fine specimen of the Bonito (*Thynnus pelamys*), taken during a voyage between Gisborne and Napier, and forwarded by Mr. P. C. Annan; some interesting fishes, presented by Mr. H. C. Wright, including specimens of the New Zealand Anchovy (*Engraulis ecrasicholus*), the Sow-fish (*Maccullochia labiosa*), and a rare Gurnard (*Pterygotrigla picta*).

**Library.**—The expenditure over the Library has been rather smaller than usual, amounting to £111 0s 4d. An order for over 70 volumes was received soon after the last annual meeting, and another was despatched early in June; but owing to the shortage of vessels trading to New Zealand the books did not arrive until the middle of November. It is hoped that further orders may be forwarded during the coming autumn, if the submarine campaign with its increased risks and much greater charges for freight and insurance may not make it desirable to hold over such importations for a time. A complete list of all books added to the Library will be found in the appendix. In addition to books received through purchase, the Council have to acknowledge several donations from private donors. Among these, Mr. E. A. W. Budge's elaborate folio volume, "The Book of the Dead," may be mentioned, as a contribution from the Free Public Library; and also copies of "Science Abstracts" for 1914 and 1915, presented by Professor Brown. The magazines and serial publications subscribed to by the Institute, a list of which will be found in another part of the Report, have been regularly received during the year, and have been available for the use of readers in the Library. Some expenditure has been incurred in binding the yearly sets derived from this literature, and about 60 volumes have been added to the Library from that source.

**Conclusion.**—In concluding the report, the Council claim that the year just closed has been characterised by steady progress and sustained activity. The changes made in the Museum have greatly increased its attractiveness to visitors and its usefulness to the community; while in few previous years, if any, have so many valuable articles and collections been presented to the Institution.

But regularly increasing donations and additions, although most gratifying as a proof of public confidence and support, are every year making it more difficult to provide for their proper



exhibition. For instance, the additions to the Ethnographical collections already received or shortly to arrive, will render it necessary to provide additional show-cases in the Maori Hall during the present year; while the activities of the taxidermist will soon bring about a similar demand in the Natural History Department.

The limitations and deficiencies of the present buildings, and the insufficiency of the present site to accommodate a block of buildings commensurate with the importance of Auckland as the first city of the Dominion, are perfectly obvious; and such questions can be profitably debated at any time. But in war times, and under the present financial and labour conditions, no scheme involving extensive building operations is either practicable or advisable. At the present time all that can be done is to progress quietly and steadily, and to make the best use of existing conditions.



# The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 22, 1916, to February 22, 1917.

## I.—WORKING ACCOUNT.

	£	s	d		£	s	d
Balance in the Bank of New Zealand, February 22, 1916 .. .. .	282	0	0	Library—Books, Periodicals, Binding .. .. .	111	16	5
Subscriptions .. .. .	373	16	0	Additions to Museum .. .. .	111	0	4
Interest from Costley Bequest .. .. .	429	8	11	Museum Requisites .. .. .	42	9	5
Rents and Interest transferred from Museum Endowment Account .. .. .	754	12	2	Salaries .. .. .	796	3	7
Interest from Mackechnie Library Account .. .. .	111	0	0	Printing, Advertising, Typing, Insurance, Gas, Annual Cleaning, Expenses of Meetings, Stationery, Postages, and other expenses .. .. .	184	16	0
Interest from Campbell Bequest .. .. .	51	0	0	Repairs to Buildings, Painting, etc. .. .. .	46	1	3
Interest from Nathan Bequest .. .. .	6	17	6	Show Cases and Fittings for Ethnographical Hall and Mineral Room .. .. .	245	16	2
Interest from Life Subscription Account .. .. .	14	15	7	Investment Account in Reduction of Loan of £600 .. .. .	300	0	0
Balance of Loan of £600 received from Investment Account .. .. .	38	14	8	Interest on Loan .. .. .	36	0	0
Miscellaneous .. .. .	0	2	4	Repairs to Caretaker's House .. .. .	114	5	0
				Life Subscriptions transferred to Savings Bank Call by New Zealand Institute towards Cost of Transactions .. .. .	31	10	0
				Miscellaneous .. .. .	37	10	0
				Balance in Bank of New Zealand, February 22, 1917 .. .. .	101	15	3
	£2,062	7	2				
					£2,062	7	2

T. F. CHEESEMAM, Treasurer.

I have examined the above account, and checked the books and vouchers in connection therewith. I hereby certify that the above is a correct statement of the working expenses and receipts to February 22, 1917.

S. GRAY, F.R.A., Auditor.

# The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 22, 1916, to February 22, 1917.

## II.—MUSEUM ENDOWMENT ACCOUNT.

	£ s. d.		£ s. d.
Balance in Bank of New Zealand, February 22, 1916 ..	3 17 1	Transferred to Investment Account ..	1,301 17 7
Endowments Sold .. .. .	1,301 17 7	Transferred to Working Account ..	752 15 0
Rents of Endowments .. .. .	88 1 2	Bank Charges .. .. .	0 10 0
Interest on Investments .. .. .	665 3 10	Balance in Bank of New Zealand, February 22, 1917 ..	3 17 1
	£2,058 19 8		£2,058 19 8

## III.—MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£ s. d.		£ s. d.
Balance in Bank of New Zealand, February 22, 1916 ..	2 15 0	Transferred to Working Account ..	111 0 0
Interest on Investments .. .. .	111 0 0	Bank Charges .. .. .	0 10 0
	£113 15 0	Balance in Bank of New Zealand, February 22, 1917 ..	2 5 0
			£113 15 0

T. F. CHEESEMAN, Treasurer.

Examined and found correct.

S. GRAY, F.R.A., Auditor.

AIM Ann Report  
1916 to 1917

# INVESTED FUNDS

## OF THE

# AUCKLAND INSTITUTE.

FEBRUARY 23, 1917.

### I.—APPORTIONMENT UNDER STATUTORY HEADINGS OR BY RESOLUTION OF THE COUNCIL—

	£	s.	d.
Costley Bequest ... ..	7,700	0	0
Museum Endowment ... ..	11,711	6	0
Mackechnie Library Bequest ... ..	2,000	0	0
Campbell Bequest ... ..	1,000	0	0
Nathan Bequest ... ..	100	0	0
Life Subscription Account ... ..	282	1	5
	£22,793	7	5

### II.—MODE OF INVESTMENT—

	£	s.	d.
Mortgages on Freehold Security ... ..	16,600	0	0
Corporation and Harbour Board Debentures ... ..	5,000	0	0
Gas Company Debentures ... ..	600	0	0
Loan to Working Account ... ..	400	0	0
Deposited in Auckland Savings Bank ... ..	2	1	5
Waiting Investment ... ..	191	6	0
	£22,793	7	5

T. F. CHEESEMAM, Treasurer.

I have examined the Deeds of the Securities, and the Bank Certificates of Debentures, and certify them to be in order.

S. GRAY, F.R.A., Auditor.



## Form of Bequest.

---

*I give and bequeath to the Institution known as  
the Auckland Institute and Museum the sum of  
£                      free of succession or estate duty, to be  
applicable for the general purposes of such Institution.  
And I declare that the receipt of the Treasurer or the  
proper officer for the time being of such Institution shall be  
a sufficient discharge for the same.*

List of Benefactions  
made to the  
Auckland Institute and Museum  
of an amount (or value) exceeding £50.

---

1876.

£2,026 subscribed by the citizens of Auckland towards meeting the cost of the first portion of the present Museum Buildings. (This sum included two donations of £500 each from Mr. Justice Gillies and the Hon. T. Williamson.)

1876.

Presentation made by Mr. R. C. Barstow of a large and varied collection of Maori articles, including flax and dog-skin cloaks, carvings, greenstone ornaments, bone and stone meres, fish-hooks, etc., etc.

1877.

Bequest from Mr. G. F. Edmonston of 564 volumes of standard works on Physical and Natural Science.

1878.

Donation from Mr. T. Russell, C.M.G., of 34 plaster-casts and busts from the antique.

1878.

£106 donated by Mr. J. C. Firth to cover the expense of show cases in the Museum.

1879-1883.

Mr. J. T. Mackelvie presented 260 volumes of books relating to the early history of New Zealand; 150 volumes of miscellaneous scientific works; a collection of ethnographical specimens from the Swiss Lake Dwellings; and 40 picked mineral specimens.

1884.

Bequest from Mr. Edward Costley of £12,150.

1887.

Bequest from Mr. David Nathan of £100.

19

1887.

Bequest of Maori articles from Mr. C. O. Davis, comprising dog-skin and feather mats; taiahas, paddles, spears, bone and wooden meres; carved boxes; and a variety of other articles.

1897-1898.

Donation of £100 from Mr. T. Russell, to cover the expense of forming a collection of geological specimens from the Cape Colville Peninsula.

1901.

Japanese Shinto Shrine, elaborately lacquered and decorated, presented by Mr. L. D. Nathan.

1901-1902.

£1,000 subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Ethnographical Articles.

1902-1903.

Bequest of £2,500 from Mr. E. A. Mackechnie (£2,000 to be invested in order to produce an income for the purchase of books for the Library of the Institute; £500 to be expended in providing groups of the larger mammals and the necessary show cases.)

1906-1907.

£662 subscribed by the citizens of Auckland for the purchase of Mr. Fenton's elaborately carved Pataka, and for the purchase and erection of the Runanga House, Rangitihī.

1911-1912.

£684 subscribed by the citizens of Auckland for the purchase of ancient historic Maori Carvings; and for other additions to the Museum.

1913.

Bequest of £1,000 from Sir John Logan Campbell.

1913.

Donation from Mr. Henry Shaw of 62 volumes of Geographical and Scientific works, and of 110 volumes from Mr. F. Shaw.

1913.

Unusually large and complete collection of Kauri Gum, containing 400 examples, together with the plate-glass show case containing the same, presented by the Hon. E. Mitchelson.

1915.

Series of 79 specimens of Old English Glass, ranging from the time of the Roman occupancy of Britain to the middle of the eighteenth century. Presented by Dr. C. E. R. Bucknill.

1916.

Collection of 131 specimens of Japanese Ivories, Bronzes, and Cloisonné, many possessing considerable ethnographical and artistic value. Presented by Mr. Henry Shaw.

1917.

Collection of 120 Ethnographical specimens, 55 being of Maori origin, and including several rare and valuable articles, the remainder Polynesian or Melanesian. Bequeathed by Miss Ruth G. Northcroft.

## ADDITIONS and DONATIONS to the Library and Museum.

- Parliamentary Papers and Reports; New Zealand Hansard for 1916; New Zealand Statistics for 1914-1915; Monthly Abstract of Statistics for 1916; Annual Report of the Department of Agriculture for 1916; Journal of Agriculture for 1916; 49th Annual Report of the Dominion Laboratory; various other Papers and Reports:—The New Zealand Government.
- Transactions of the New Zealand Institute, vol. 48:—The New Zealand Institute.
- Journal of the Polynesian Society, vol. 25:—The Society.
- Journal of the Linnean Society of New South Wales, parts of vol. 40.
- Records of the Australian Museum, parts of vol. 11:—The Museum.
- Maiden's Revision of the genus *Eucalyptus*, vol. 3, parts 3 to 8:—The Author.
- Annual Report of the Department of Mines, New South Wales; Biological Results of Fishing Experiments, vol. 4, parts 1 to 4:—The Government of New South Wales.
- The Australian Zoologist, vol. 1, pt. 3:—Zoological Society of New South Wales.
- The Australian Naturalist, parts of vol. 3:—The Editor.
- Proceedings of the Royal Society of Victoria, vol. 28, pt. 2, and 29 pt. 1:—The Society.
- Australian Monthly Weather Report:—The Commonwealth Meteorologist.
- Proceedings of the Royal Society of Queensland, vol. 27:—The Society.
- Memoirs of the Queensland Museum, vol. 5:—The Museum.
- Memoirs of the Bishop Museum, Honolulu, vol. 4, part 1; Occasional Papers, vol. 3, part 3; vol. 6, part 3:—The Bishop Museum.
- Year-Book of the United States Department of Agriculture for 1915; Annual Report for 1915; Journal of Agricultural Research, vol. 5, Nos. 12, 15, 17, 20, 21, 23, 25; vol. 6, Nos. 2, 3; Bulletins, Nos. 231, 248, 251, 252, 273, 293, 295, 344, 351, 352, 396, 408, 419, 421, 424, 432, 435, 438, 489; Banks' Acarina, or Mites; Howell's American Marmots; Jackson's Review of the American Moles; Davis' Pea Aphis; Scott and Siegler's Insecticide Investigations; North American Fauna, No. 4; Studies of the American Cotton Boll Weevil; Cushman's Apple-seed Chalcid; Phillips' English Grain Aphis; Quaintance and Wood's Insect Enemies of the Peach; Baker and Turner's Apple Aphis; Urbarn's Life History of *Habrocytus*; McIndoo's Nicotine as an Insecticide:—The United States Department of Agriculture.

- Annual Report of the United States National Museum, Proceedings, vols. 48, 49, 50; Bassler's Index of Ordovician and Silurian Fossils, vols. 1 and 2; Merrill's Handbook of the Meteorite Collections; Pilsbry's Sessile Barnacles; Ridgway's Birds of North and Middle America, vol. 7; Bartsch's Turton Collection of African Marine Mollusca; Contributions to the United States National Herbarium, vol. 16, part 4; vol. 17, parts 7 and 8; vol. 18, parts 3, 4, 5.—The United States National Museum.
- Annual Report of the Field Museum for 1914; Millspough's North American Euphorbiaceae:—The Field Museum, Chicago.
- Emmon's Whale House of the Chilkat:—American Museum of Natural History.
- Annual Reports of the Bureau of American Ethnology, 29 and 30; Bulletins, vols. 55 to 62:—The Bureau.
- Summary Report of the Geological Survey of Canada for 1914, 1915; Bulletins of the Museum of the Geological Survey, Nos. 20, 21, 22, 23, 24. Stauffer's Devonian of S.W. Ontario; Stansfield's Electrothermic Smelting in Iron Ores in Sweden; Cairne's Upper White River, Yukon; Malcolm's Oil and Gas Fields of Ontario and Quebec; Williams' Arisaig-Antigonish District; Clapp's Petroleum and Gas Resources of Canada; McConnell's Texada Island; Cumming's Artesian Wells of Montreal; Schofield's Geology of Cranbrook; Drysdale's Geology and Ore Deposits of Rossland; Reinecke's Ore Deposits of Beaverdale; Allan's Geology of the Field Map Area, British Columbia; Aurep's Peat Bogs and Peat Industries of Canada; Foerste's Upper Ordovician Formations in Ontario and Quebec; Reinecke's Road Material Surveys in 1914; Stansfield's Pleistocene and Recent Deposits of Montreal; Clapp's Geology of the Nanaimo Map Area; Kalmus and Blake's Magnetic Properties of Cobalt:—The Geological Survey of Canada.
- Proceedings of the Nova Scotia Institute, vols. 13, parts 3 and 4; 14, parts 1 and 2:—The Nova Scotian Institute.
- Annals of the Observatory of Rio Janeiro for 1916:—The Observatory.
- Annual Report of the Port Elizabeth Museum for 1915:—The Museum.
- Annual Report of the Rhodesia Museum for 1915:—The Museum.
- Kew Bulletin for 1915-1916; Icones Plantarum, parts of vol. 1, new series:—The Director, Kew.
- The Empire Journal for 1916:—The Royal Colonial Institute.
- The Museums Journal for 1916:—The Museums Association.
- Symons' Meteorological Magazine for 1916:—The Editor.
- Bulletins of the Dublin Museum of Science and Art for 1915-1916:—The Museum.
- Report of the Manchester Museum for 1915:—The Museum.
- Butler's Foreign Finches in Captivity:—H. Shaw.
- Budge's The Book of the Dead:—Auckland Free Library.
- Prince Bonaparte's Notes Pteridologiques:—The Author.
- Hutchins' Discussion of Australian Forestry:—The Author.



BOOKS PURCHASED.

- Cunningham's Relativity and the Electron Theory.  
 Burton's Physical Properties of Colloid Solutions.  
 Arrhenius's Quantitative Laws in Biological Chemistry.  
 Collwell and Russ's Radium, X Rays, and the Living Cell.  
 Plimmer's Practical Organic and Bio-Chemistry.  
 Gardner's The British Coal-tar Industry.  
 Keith's Antiquity of Man.  
 Joly's The Birth-time of the World.  
 Syke's The Caliph's Last Heritage.  
 Roosevelt's Through the Brazilian Wilderness.  
 Eveleigh's South-West Africa.  
 Du Faur's The Conquest of Mount Cook.  
 Lyon, Pippin, and Blackman's Soils, their Properties and Management.  
 Bailey's Principles of Fruit-growing.  
 Croce's Historical Materialism and the Economics.  
 Geddes's Cities in Evolution.  
 Coulter's Evolution of Sex in Plants.  
 Grüber's Handbook of the Coins of Great Britain.  
 Crozier's The Wheel of Wealth.  
 Withers' The Meaning of Money.  
 Duckworth's Morphology and Anthropology.  
 Morgan's Mechanism of Mendelian Philosophy.  
 Thompson's Scientific Management.  
 Sibree's Naturalist in Madagascar.  
 Scudder's Electrical Conductivity and Ionisation.  
 Martin's Manuals of Chemical Technology:—  
     1. Dye Stuffs and Coal-Tar Products.  
     2. The Rare Earth Industry.  
     3. Industrial Nitrogen Compounds and Explosives.  
     4. Chlorine and Chlorine Products.  
     5. Sulphuric Acid and Sulphur Products.  
 Enriques's Problems of Science.  
 Russell's Our Knowledge of the External World.  
 Edgeworth's The Relation of Political Economy to the War.  
 Edgeworth's The Cost of War, and Ways of Reducing it.  
 Pigou's The Economy and Finance of the War.  
 Cureau's Savage Man in Central Africa.  
 Lanchester's Air Craft in War.  
 Broad's Perception, Physics, and Reality.  
 Moreland's Through South Westland.  
 The Journal of Ecology, vols. 1 and 2.  
 National Antarctic Expedition:—Vol. 1, Geology; vol. 2, Zoology; vol. 3, Zoology and Botany; vol. 4, Zoology; vol. 5, Zoology and Botany; vol. 6, Zoology and Botany.  
 Terra Nova Antarctic Expedition:—Zoology, vol. 1, parts 1, 2, 3, 4; vol. 2, parts 1, 2, 3, 4, 5, 6; vol. 3, part 1; Geology, vol. 1, part 1.  
 Australian Antarctic Expedition:—Zoology, vol. 3, part 1.

- Carpenter and Barker's Nature Notes for Ocean Voyages.  
Campbell's Stellar Motions.  
Ridgway's Colour Standards and Colour.  
Ward's Sportsman's Handbook.  
Philosophical Transactions of the Royal Society:—A, 215, 216; B, 206, 207.  
Williston's Water Reptiles of the Past and Present.  
Kemp's Handbook to Rocks without the Microscope.  
McIntosh's British Marine Annelids, vol. 3.  
Worsdell's Principles of Plant Teratology.  
Waile's British Fresh-water Rhizopoda and Heliozoa.  
Hare's Masterpieces of Handicraft: IV. Japanese Porcelain.  
Walker's Modern Seismology.  
Hobbs' Earth Features and their Meaning.  
Merz's History of European Thought, vol. 4.  
Carus' Nietzsche and Individualism.  
Jane's Interpretation of History.  
Marshall Ward's Grasses.  
Taylor's Chemistry of Colloids.  
Coulter's Evolution of Sex in Plants.  
Bowley's Measurement of Social Phenomena.  
Piper's Forage Plants and their Culture.  
Georgia's Manual of Weeds.  
Poincare's Science and Method.  
Montgomery's The Corn Crops.  
Rideal's Water Supplies, their Purification, Filtration, and Sterilisation.  
Conklin's Heredity and Environment in the Development of Men.  
Mason and Brown's Elements of Forestry.  
Russell's Students' Book of Soils and Manures.  
Lloyd's What is Adaptation.  
Dixon's Transpiration and the Ascent of Sap in Plants.  
Allen's Photo-Electricity, the Liberation of Electrons by Light.  
Bragg's X Rays and Crystal Structure.  
Hegner's The Germ-cell Cycle in Animals.  
Mill's The Realm of Nature.  
Lewkowitsch's Chemical Technology and Analysis of Oils, Fats, and Waxes,  
3 vols. New edition.  
Hughes' Photo-Electricity.  
Jethro-Brown's Prevention and Control of Monopolies.  
Doncaster's Determination of Sex.  
Campbell's Modern Electrical Theory. New edition.  
Stefansson's My Life with the Esquimaux.  
Iddings' Problem of Volcanism.  
Clarke's Studies in Bird Migration, 2 vols.  
Boulenger's Reptiles and Batrachians.  
Jenning's Behaviour of the Lower Organisms.  
Bean's Trees and Shrubs Hardy in the British Isles.  
Hobson's Work and Wealth.  
Levy's The Rare Earths.

# AIM Ann Report 1916 to 1917

Sir Oliver Lodge's Huxley Memorial Lectures.  
Gates' The Mutation Factor in Evolution.  
Richardson's Electron Theory of Matter.  
Carr's Philosophy of Change.  
Turner's Molecular Association.  
Lucian's Human Physiology, 3 vols.  
Chapman's Work and Wages.  
Carus' Principle of Relativity.  
Rivers' History of Melanesian Society, 2 vols.  
Clark and Fletcher's Farm Weeds of Canada.  
Marshall's Explosives.  
Nansen's Through Siberia, the Land of the Future.  
Knox's Fixation of Atmospheric Nitrogen.  
Rice's Problems of American Geology.

---

Nest and Eggs of North Island Weka (*Ocydromus Earli*), from Pahi, Kaipara; *Septoteuthis* sp. from same locality:—G. V. New.  
Skin of *Didunculus strigirostris*, from Samoa:—Mason Mitchell, U.S.A. Consul for Samoa.

Albino Penguin (*Eudyptula minor*), obtained off the Great Barrier Island:—Victor Blackwell.

Skin of Black Rat, from near Te Kuiti:—C. L. Milne.

Six-legged Kitten:—G. I. Hill.

Skin of Black Shag (*Phalacrocorax carbo*):—T. Ellison.

Eggs of Nightingale and White Wryneck:—Mrs. Hobbs.

Tooth of Sperm Whale (unusually large):—J. Dennin.

Bonito (*Thynnus pelamys*), caught between Gisborne and Napier:—P. C. Annan.

New Zealand Anchovy (*Engraulis ecrasicholus*); two rare fishes (*Maccullochia labiosa* and *Pterygotrigla picta*):—H. C. Wright.

Collections of New Zealand Lizards; Polynesian Shells:—J. Butcher.

Sea-snake (*Hydruis platyrus*), stranded near Houhora, North Cape peninsula:—Leslie Henderson.

Shells of *Anomia* sp. and pearls obtained therefrom:—Col. Boscawen.

Collection of New Zealand Shells, obtained near Mount Maunganui, Tauranga:—W. H. Mountfield.

Two specimens of *Struthiolaria*, with large sessile barnacle attached:—Shepherd Smith.

Shells, from Polynesia:—Hon. E. Mitchelson.

Large Stalked Barnacle:—Miss J. Mackie.

Large Moth (*Dasyptodia seleniphora*):—A. Wooller.

Two Spiders (*Macrochele Huttoni*):—L. M. Neilson.

- Auriferous Quartz from the Golden Belt Mine, Thames:—H. Gilfillan.
- Several Specimens from the Golden Belt Mine:—H. T. Gorrie.
- Stibnite and other minerals from Coromandel:—W. A. Given.
- Specimens of Galena from the vicinity of Pretoria; "Blue Ground" from the Premier Diamond Mine, near Pretoria:—Lucius O'Brien.
- Two large trunks of silicified wood found in the Egyptian Desert, near Zeitoun:—Col. Mackesy, Auckland Mounted Rifles.
- Large trunk of silicified wood from near Henderson:—P. H. Barlow.
- Large slab of wood covered with Kauri Gum:—J. J. Walklate.
- Various New Zealand minerals:—R. Williams.
- Volcanic Bombs from near Onehunga:—H. Siebert.
- Large fragment of Moa's Egg; femur of Moa, both found on sand-dunes at the entrance to Kawhia Harbour:—Mr. Schnackenberg.
- Teeth of fossil shark; various fossil shells; tracing of moa footprints found at Te Araroa, East Cape District:—H. K. Hovell.
- Collection of 88 Maori Ethnographical specimens, including an unusually fine Pare or door lintel of the rare Taranaki type; carved stone fire-carrier (?); ancient elaborately carved bone flute (koauau); stone flute (Ngunguru), found on Pukeroa Hill, Rotorua; two ancient wooden fish-hooks; a series of wooden tops; and many other articles:—Purchased from Mr. C. Douglas Tcd.
- Large Ethnographical Collection, comprising over 50 Maori specimens and about 70 Polynesian and Melanesian. The Maori portion comprising, among many others, an exceptionally fine historical and fully decorated Taiaha, once the property of the Chief Hori Ngakapa, of Coromandel, and used by him in certain fights against the Ngapuhi prior to 1837; three carved-boxes of great merit; two meres; a fine ancient Patiti; and an elaborately carved ancient bone Manaia, etc., etc.:—Bequeathed by the late Miss Ruth G. Northcroft.
- Plaster cast of the head of the well-known Chief Wiremu Te Manawa, taken from a mould obtained during life by Mr. Lindauer and Sir Walter Buller:—Presented by Mr. H. E. Partridge.
- Unusually large Kumete, or wooden bowl, dug up in a swamp near Helensville:—R. E. Isaacs.
- Carved bone spools or beads, probably portion of an ancient necklace:—L. S. Bidwell.
- Stone flax-beater; stone flute (Ngunguru); 4 chisels or gouges; all found on Mangare Hill, near Onehunga:—F. E. Powell, C.E.
- Polished fishing weight found at Shelly Beach, Kaipara, dressed one from Parakai, near Helensville:—C. Ansell.
- Stone flute (Ngunguru) found at Kairiri, inland from Ohinewai:—Wallace Wallis.
- Stone hammer-head, three stone sinkers, all from Broad Bay, Stewart Island; series of Maori grindstones:—Captain Bollons, s.s. Hinemoa.
- Stone sinker with human figure carved on one side, greenstone hei-tiki, both found on Motutapu Island, Auckland Harbour:—Mrs. J. Reid.
- Stone carved into the resemblance of a shark, found on Slipper Island, off Tairua:—J. A. Court.

# AIM Ann Report 1916 to 1917

- Upper part of walking-stick, made of whale's bone, and elaborately carved:—  
G. R. Morpeth.
- Maori Grindstone found at Kawhia:—A. G. Waller.
- Supposed time-beating stick:—Mrs. Sutherland.
- Two stone adzes:—J. Butcher.
- Greenstone Mere, damaged by fire:—A. Reynolds.
- Carved stone fishing weight, made by Hare Pomare; fishing weight found near Helensville; various Maori articles:—G. Graham.
- Rare bone ornament carved from the tooth of a sperm whale, and called Ngakau, found near Parakai, Helensville:—Percy Monk.
- Large Stone Anchor, elaborately carved:—Purchased from Mr. C. Davis, Mercury Bay.
- Large Stone Anchor, found on the Bickerstaffe Estate, Kaipara:—C. Ford.
- Two Maori Grindstones, found at Amodeo Bay, Cape Colville:—J. R. McCall.
- Human Hair found with obsidian flakes in a cave at Mercury Bay; Korowai Cloak:—Col. Boscawen.
- Supposed Whistle, found on the beach of Ponui Island:—A. Bishop.
- Historical Greenstone Hei-tiki, known by the name of "Whakairi-Pukowhara-whara":—Deposited by the Maori owners.
- Historical Onewa Mere, formerly the property of the Ngatihinepawhero tribe, Herekino, and known by the name of Tikiraumati:—R. Bowman, per Hon. E. Mitchelson.
- Stone adzes and flakes found near Motutara:—Hon. E. Mitchelson.
- Old Ko, or spade, dug up at Marsden Point, Whangarei:—F. H. Howe.
- Fishing-weight of curious shape found at Waitangi, Bay of Islands:—H. J. Wily.
- Various Maori articles, minerals, etc., obtained in Milford Sound:—D. Sutherland.
- Partly polished slab of greenstone found with a rough stone adze at Taitapu, near Christchurch:—Rev. H. Rouston.
- Slab of Rhyolite hollowed out into a square trough with a rounded depression in front. Found on the site of an old pa on the bank of the Rangitaiki River, near Te Teko:—W. F. Stanton.
- Stone-carved step of a wooden Ko, or spade. Found in the Patetonga Creek, Thames Valley:—Purchased from Miss Burgess.
- Two pieces of Tapa from Fiji:—Miss E. Keesing.
- Four pieces of Tapa from Polynesia:—Hon. E. Mitchelson.
- Jews' Harp from Santa Cruz; wooden spoon from Alaska:—G. Graham.
- Fly-whisk of Emu Feathers from New Guinea:—H. E. Vaile.
- Two large and well-finished canoes from the Solomon Islands—one inlaid with pearl-shell, the other the ordinary type of outrigger canoe:—Dr. C. E. Wood, Bishop of Melanesia.
- Fijian Ula Club; Sharks-tooth Sword from the Marshall Islands:—Neil Hay.
- Fijian Club (Thali); calking tool from Fiji; Ula Club from Fiji; Tongan pillow; six Samoan stone adzes; samples of Kava root and crude rubber; German Official Seal from Samoa; Samoan postage stamps:—H. C. Andow, Samoan Garrison.



Wooden Idol suggesting circumcision, from Atiu, Cook Islands :—D. B. Russell.

Two stone adzes from Samoa :—Dr. Swale.

27 articles from the State of Pahang, Malay Peninsula, including spears, swords, krises, and domestic utensils :—Lieut. J. C. Drewet.

Two stone axes; iron tool called Tuhang Singa; small kris, all from the State of Perak, Malay Peninsula :—Leslie Morrison.

Collection of 14 articles from North Queensland :—Purchased from Mr. Wragge.

Inscribed Prayer-stone from Tibet :—Col. Boscawen.

Eleven specimens of Lowestoft porcelain :—Deposited by Mrs. Clemens.

Sword found on the battlefield of Balaklava :—A. Rose.

Shell, supposed to be one of those fired during the attack on Rangiriri in 1864 :—A. E. Hill.

56lb Cannon Shot fired by H.M.S. "Harrier" while engaged in ball practice in the Manukau Harbour in 1862 :—G. J. Garland.

Two Gas Masks used in the battle of Ypres—one German, the other English :—The Misses Isaacs.

Half-crown of Charles I., dug up in a garden at Mount Eden :—J. Eddy.

Silver coin—old Indian :—R. Davy.

## LIST OF MEMBERS

FOR THE YEAR ENDING MARCH 31st, 1917

(with Postal Addresses).

---

(Members are requested to advise the Secretary of any change of Address.)

[Honorary and Life Members distinguished thus \*.]

---

- |   |  |
|---|--|
| Abbott, R. H., Elliott Street, Auckland.                          | Bagnall, L. J., Wynyard Street, Auckland.                              |
| Abel, R. S., care Abel, Dykes, & Co., Shortland Street, Auckland. | Baker, G. H., Commerce Street, Auckland.                               |
| Adams, L., 23, Brown Street, Ponsonby.                            | Ball, W. T., Sylvan Avenue, Mt. Eden.                                  |
| Adlington, Miss, Aratonga Avenue, Epsom.                          | Bamford, H. D., LL.B., Bank of New Zealand Buildings, Auckland.        |
| Aickin, G., Queen Street, Auckland.                               | Bankart, A. S., Shortland Street, Auckland.                            |
| Alexander, J., Shortland Street, Auckland.                        | Bankart, F. J., Shortland Street, Auckland.                            |
| Alexander, L. M., Beauvoir, Hurstmere Road, Takapuna.             | Barr, J., Public Library, Wellesley Street, Auckland.                  |
| Alison, A., Devonport Ferry Co., Auckland.                        | Bartlett, W. H., Queen Street, Auckland.                               |
| Alison, E. W., Devonport Ferry Co., Auckland.                     | Bartrum, J. A., M.Sc., University College, Auckland.                   |
| Alison, E. W., jun., Takapuna.                                    | *Bates, T. L., Brookfield, Alfred Street, Waratah, Newcastle, N.S.W.   |
| Allen, John, Cheltenham, Devonport.                               | Batger, J., Mt. Eden Road, Auckland.                                   |
| Ardern, P. S., Remuera.   | Bell, T., care Union Oil, Soap, & Candle Co., Albert Street, Auckland. |
| Arey, W. E., Victoria Arcade, Auckland.                           | Benjamin, E. D., care L. D. Nathan & Co., Shortland Street, Auckland.  |
| Armitage, F. L., Gleeson's Buildings, High Street, Auckland.      | Benjamin, Lionel, care of Hayman & Co., Custom Street, Auckland.       |
| Arnold, C., Swanson Street, Auckland.                             |  |
| Arnoldson, L., Quay Street, Auckland.                             |  |
| Atkinson, H., Grafton Road, Auckland.                             |  |

- Biss, N. L. H., Shortland Street, Auckland.
- Blair, J. M., Market Road, Epsom.
- Blomfield, W., "Observer" Office, Wyndham Street, Auckland.
- \*Bloomfield, G. R., The Pines, Epsom.
- \*Bloomfield, H. R., St. Stephen's Avenue, Parnell.
- Bloomfield, J. L. N. R., St. Stephen's Avenue, Parnell.
- Bond, Elon, Commerce Street, Auckland.
- Bowyer, S. B., care of Auckland Institute, Auckland.
- Bradley, Samuel, Onehunga.
- Brett, H., "Star" Office, Shortland Street, Auckland.
- Briffault, R., M.B., Mt. Eden Road, Auckland.
- Brooke-Smith, E., Manukau Road, Parnell.
- Broun, Major T., F.E.S., Mt. Albert.
- Brown, E. A., Cleave's Buildings, High Street, Auckland.
- Brown, John, Beresford Street, Bayswater, Devonport.
- Bruce, W. W., Williamson Chambers, Shortland Street, Auckland.
- \*Buchanan, Archd., Vulcan Lane, Auckland.
- Buckleton, H., Bank of New Zealand, Auckland.
- Buddle, C. V., Wyndham Street, Auckland.
- Buddle, T., Wyndham Street, Auckland.
- Burnett, H. B., Harbour Board Offices, Auckland.
- Burns, R., Custom Street East, Auckland.
- Burnside, W., Education Offices, Auckland.
- Burt, A., care A. T. Burt & Co., Custom Street West, Auckland.
- \*Burton, Colonel, The Grove, Branksome Park, Bournemouth, England.
- Bush, W. E., City Engineer's Office, Auckland.
- Butler, J., Kauri Timber Co., Custom Street East, Auckland.
- Butler, Miss, Girls' Grammar School, Auckland.
- Buttle, J., New Zealand Insurance Co., Queen Street, Auckland.
- Caldwell, D. R., care Macky, Logan, & Co., Elliott Street, Auckland.
- Campbell, J. P., care Russell, Campbell, & Co., High Street, Auckland.
- Carlaw, J., 226, Symonds Street, Auckland.
- Carpenter, J. M., Newmarket.
- Carr, E. J., Williamson Avenue, Grey Lynn.
- Carter, M., Smeeton's Buildings, Queen Street, Auckland.
- Casey, Maurice, Hamilton Road, Ponsonby.
- Casey, Victor P., New Street, Ponsonby.
- Casey, W., Hamilton Road, Ponsonby.
- Chambers, S. G., 106, Victoria Arcade, Auckland.
- Cheal, P. E., Upper Queen Street, Auckland.
- Cheeseman, T. F., F.L.S., Museum, Auckland.
- Choyce, H. C., Remuera Road, Auckland.
- Clark, A., Wellesley Street, Auckland.
- Clark, H. C., care A. Clark & Sons, P.O. Box 35, Auckland.
- Clark, M., Wellesley Street, Auckland.
- Clark, R. G., care of Robertson & Co., Quay Street, Auckland.
- Clay, T. B., care S. Vaile & Sons, Queen Street, Auckland.
- Clayton, C. Z., Ellerslie.
- Clayton, D. L., Kauri Timber Co., Custom Street West, Auckland.
- Coates, T., Orakei.
- Coe, James, Mt. Eden Road, Auckland.
- Cole, Rev. R. H., Walford, Gladstone Road, Parnell.
- Cole, W., Mount Eden Road, Auckland.
- Coleman, J. W., Lower Queen Street, Auckland.
- Combes, F. H., Victoria Avenue, Remuera.
- Cooper, C., Bourne Street, Mt. Eden.

# AIM Ann Report 1916 to 1917

- Cooper, Mr. Justice, Judges' Chambers, Supreme Court, Auckland.
- Copeland, M., 97, College Hill, Auckland.
- Cory-Wright, S., B.Sc., University College, Auckland.
- Court, G., Karangahape Road, Auckland.
- Court, J., Ponsonby, Auckland.
- Cousins, H. G., Normal School, Wellesley Street, Auckland.
- Craig, E. A., care J. J. Craig, Ltd., Queen Street, Auckland.
- Crompton, W. J., care S. P. Smith, New Plymouth.
- Crook, John, 10, Prospect Terrace, Mt. Eden.
- Cuff, J. C., Emerald Hill, Epsom.
- Currie, J. C., care J. Currie, 202, Queen Street, Auckland.
- Davis, Elliot R., care Hancock & Co., Custom Street East, Auckland.
- Davis, Ernest, care Hancock & Co., Custom Street East, Auckland.
- Dearsly, H., P.O. Box 466, Auckland.
- De Clive Lowe, Dr., Symonds Street, Auckland.
- Dempsey, J., Newmarket.
- Dennin, John, care Hon. E. Mitchellson, Waimauku.
- Dettmann, Professor H. S., University College, Auckland.
- Devereux, H. B., Waikumete.
- Donald, A. W., care of A. B. Donald, Queen Street, Auckland.
- Downard, F. N. R., care of Auckland Institute, Auckland.
- Duder, R. W., Devonport.
- Duthie, D. W., National Bank of New Zealand, Wellington.
- Earl, F., K.C., Swanson Street, Auckland.
- Edgerley, Miss K., Girls' Grammar School, Auckland.
- Edmiston, H. J., View Road, Mount Eden.
- Edson, J., Waimarama, Tudor Street, Devonport.
- Egerton, Professor C. W., University College, Auckland.
- Ellingham, W. R., Custom Street East, Auckland.
- Elliott, G., Bank of New Zealand Buildings, Auckland.
- Elliott, W., Bank of New Zealand Buildings, Auckland.
- Ellis, A. F., Argyle Street, Ponsonby.
- Ellis, J. W., Hamilton, Waikato.
- Ellison, T., Ellison's Buildings, Queen Street, Auckland.
- Endean, J., Star Hotel, Albert Street, Auckland.
- Entrican, A. J., Custom Street West, Auckland.
- Entrican, J. C., Custom Street East, Auckland.
- EWington, F. G., Durham Street, Auckland.
- Fairclough, Dr. W. A., Imperial Buildings, Queen Street.
- Fallon, W., Union Buildings, Custom Street, Auckland.
- Farrell, R., Anglesea Street, Auckland.
- Fenwick, Dr. G., Premier Buildings, Queen Street, Auckland.
- Fenwick, R., care of T. & S. Morrin, Auckland.
- Ferguson, A. M., care of R. Burns & Co., Custom Street, Auckland.
- Field, R., Armadale Road, Remuera.
- Fleming, J., 142, Grafton Road, Auckland.
- Florance, R. S., Stipendiary Magistrate, Gisborne.
- \*Fowlds, Hon. G., Queen Street, Auckland.
- Frater, J. W., care R. Frater, Stock Exchange, Auckland.
- Frater, Captain W., Manukau Road, Parnell.
- Garrard, C. W., M.A., Education Offices, Auckland.
- George, G., Technical College, Wellesley Street, Auckland.
- George, Hon. S. T., St. Stephen's Avenue, Parnell.
- Gerard, E., Custom Street East, Auckland.
- Gillfillan, H., St. Stephen's Avenue, Parnell.
- Girdler, Dr., Khyber Pass Road, Auckland.

# AIM Ann Report 1916 to 1917

Gleeson, J. C., Selwyn Lodge,  
Parnell.  
Goldie, D., Breakwater Road,  
Auckland.  
Goldie, H., Breakwater Road,  
Auckland.  
Gordon, H. A., Ranfurly Road,  
Epsom.  
Gorrie, H. T., care of A. Buck  
land & Sons, Albert Street,  
Auckland.  
Graham, G., Tudor Street, Devon-  
port.  
Grant, Miss J., M.A., Devonport.  
\*Gray, A., Smeeton's Buildings,  
Queen Street, Auckland.  
Gray, S., Mt. Eden Borough  
Council Offices, Mt. Eden.  
Gribbin, G., Nicholson & Gribbin,  
Imperial Buildings, Queen  
Street, Auckland.  
Griffin, L. T., Museum, Auckland.  
Grossmann, Professor J. P., Uni-  
versity College, Auckland.  
Gunson, J. H., Church Road,  
Epsom.  
Gunson, R. W., Auckland.

Haddow, J. G., Wyndham Street,  
Auckland.  
Haines, H., F.R.C.S., Shortland  
Street, Auckland.  
Hall, Edwin, Seacliffe Road, One-  
hunga.  
Hamer, W. H., C.E., Harbour  
Board Offices, Auckland.  
Hansard, G. A., Swanson Street,  
Auckland.  
Hansen, P. M., Queen Street,  
Auckland.  
Hardie, J. C., Hardie Bros.,  
Queen Street, Auckland.  
Hardley, J. W., Custom Street,  
Auckland.  
Harris, Louis, Huntly.  
Hawkins, Rev. Archdeacon H. A.,  
Remuera.  
Hay, D. A., Montpellier Nursery,  
Remuera.  
Hay, Douglas, Stock Exchange,  
Queen Street, Auckland.  
Hayr, H. H., Union Bank Build-  
ings, Victoria Street, Auckland.  
Hazard, W. H., Queen Street,  
Auckland.  
Heather, H. D., Fort Street,  
Auckland.

Herbert, T., Shortland Street,  
Auckland.  
Herries, Hon. W. H., M.P., Wel-  
lington.  
Hesketh, H. R., Hesketh & Rich-  
mond, Wyndham Street, Auck-  
land.  
Hesketh, S., Hesketh & Richmond,  
Wyndham Street, Auckland.  
Holderness, D., Harbour Board  
Offices, Auckland.  
Horton, E., "Herald" Office,  
Queen Street, Auckland.  
Horton, H., "Herald" Office,  
Queen Street, Auckland.  
Houghton, C. V., N.Z. Shipping  
Co., Quay Street, Auckland.  
Hudson, C., Mount Eden Road,  
Auckland.  
Hutchison, W. E., Nelson Street,  
Auckland.

Inglis, Dr. R. T., Maroondah, Pon-  
sonby Road, Auckland.  
Isaacs, R. E., St. George's Bay  
Road, Auckland.

Jackson, J. H., Custom Street  
East, Auckland.  
Jacobsen, N. R., High School,  
Napier.  
Johnson, Professor J. C., M.Sc.,  
University College, Auckland.  
Johnston, Hallyburton, Howick.  
Jones, J. D., P.O. Box 822, Auckland

Kenderdine, J., Sale Street, Auck-  
land.  
Kent, B., Lower Symonds Street,  
Auckland.  
Kent, G. S., St. Stephen's Ave-  
nue, Parnell.  
Keyes, A., Birkenhead.  
Kidd, A., Gillies Avenue, Epsom.  
Kissling, H. P., St. Stephen's  
Avenue, Parnell.  
Kneebone, F., Mountain Road,  
Epsom.  
Knight, G., Asquith Avenue,  
Mount Albert.  
Kronfeld, G., Eden Crescent,  
Auckland.

Lamb, J. A., Arney Road,  
Remuera.  
Lamb, S. E., B.Sc., University  
College, Auckland.



# AIM Ann Report 1916 to 1917

- Lancaster, T. L., University College, Auckland.
- Lang, Sir F. W., M.P., Hillsborough, Onehunga.
- Langguth, E., Federal Street, Auckland.
- Larkin, H., Harbour Board Offices, Auckland.
- Laurie, B. A., care W. S. Laurie & Co., Custom Street East, Auckland.
- Leighton, F. W., High Street, Auckland.
- \*Lennox, N. G., care Auckland Institute, Auckland.
- Lewis, Dr. T. Hope, Wellington.
- Leyland, W. B., care of Leyland & O'Brien, Custom Street West, Auckland.
- Leys, Cecil, "Star" Office, Shortland Street, Auckland.
- Leys, T. W., "Star" Office, Shortland Street, Auckland.
- Lindsay, Dr. P. A., O'Rorke Street, Auckland.
- Logan, R., jun., N.Z. Government Insurance Office, Queen Street, Auckland.
- Long, W. H., Woodford Road, Mt. Eden.
- Lunn, A. G., care Collins Bros., Wyndham Street, Auckland.
- Macfarlane, J. B., Fort Street, Auckland.
- Mackay, G. J., Queen Street, Auckland.
- Mackay, J. G. H., Ellison Chambers, Queen Street, Auckland.
- Mackay, P. M., Wellesley Street, Auckland.
- Mackenzie, Dr. Kenneth, O'Rorke Street, Auckland.
- \*Macmillan, C. C., care of Auckland Institute, Auckland.
- Mahoney, T., Swanson Street, Auckland.
- Mair, Captain G., Whakatane.
- Mair, S. A. R., Hunterville, Wellington.
- Major, C. T., King's College, Remuera.
- Makgill, Dr. R. H., Public Health Office, Auckland.
- Mander, F., M.P., Ponsonby.
- Marriner, H. A., New Zealand Insurance Co., Queen Street, Auckland.
- Marriner, Leslie, Ridings Road, Remuera.
- Marsack, Dr., care of Auckland Institute, Auckland.
- Marshall, J., MacMurray Road, Remuera.
- Mason, Mrs. F., Westoun, New Plymouth.
- Massey, Right Hon. W. F., M.P., Wellington.
- McDowell, Dr. W. C., Remuera.
- McFarlane, T., C.E., 301, Victoria Arcade, Auckland.
- McIlraith, Dr. J. W., Mount Hobson Road, Remuera.
- McKenzie, Captain G., Devonport.
- McLean, Murdoch, Mount Albert.
- MacMurray, Archdeacon G., St. Mary's Vicarage, Parnell.
- McVeagh, R., care of Russell & Campbell, High Street, Auckland.
- Mennie, J. M., Albert Street, Auckland.
- Metcalfe, H. H., C.E., Palmerston Buildings, Queen Street, Auckland.
- Milnes, H. A. E., Training College, Wellesley Street, Auckland.
- Miller, E. V., Chelsea, Auckland.
- Milroy, S., Kauri Timber Co., Custom Street West, Auckland.
- Milsom, Dr. E. H. B., 18, Waterloo Quadrant, Auckland.
- Mitchelson, Hon. E., Waitaramoa, Remuera.
- Moore, J. E., Esplanade Road, Mount Eden.
- Morrison, A. R., Palmerston Buildings, Queen Street, Auckland.
- Morrison, W. B., Hobson's Buildings, Shortland Street, Auckland.
- Morton, E., Custom Street East, Auckland.
- Morton, H. B., One Tree Hill, Epsom.
- Mulgan, A. E., "Star" Office, Auckland.
- Mulgan, E. K., Education Offices, Auckland.

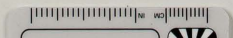
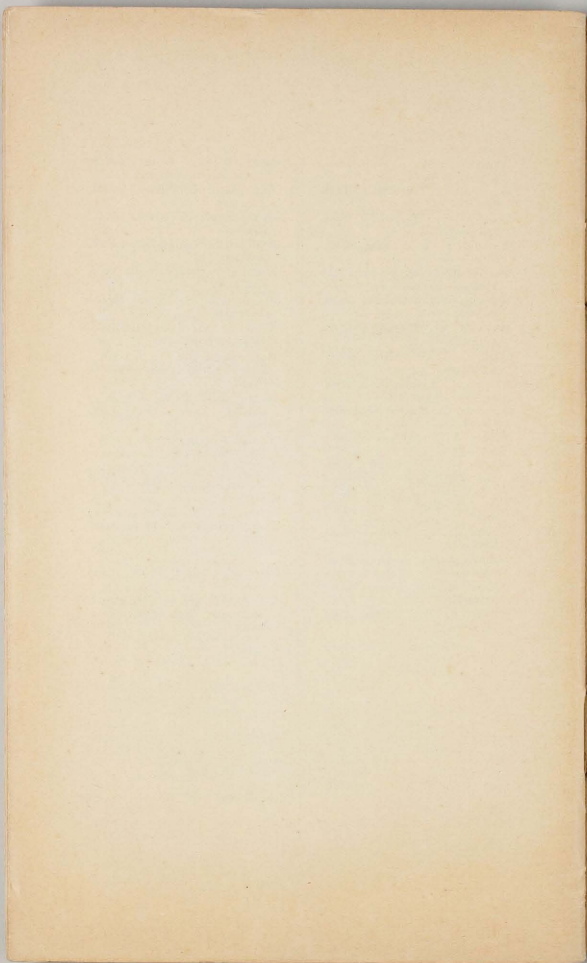
- Murray, G. W., Omaha Road, Remuera.
- Myers, Hon. A. M., M.P., Campbell-Ehrenfried Co., Queen street, Auckland.
- Myers, B., Symonds Street, Auckland.
- Napier, W. J., A.M.P. Buildings, Queen Street, Auckland.
- Nathan, D. L., care L. D. Nathan & Co., Shortland Street, Auckland.
- \*Nathan, N. A., care L. D. Nathan & Co., Shortland Street, Auckland.
- Nathan, S. J., 5, Carlton Gore Road, Auckland.
- Neve, B., Technical College, Wellesley Street, Auckland.
- Newton, G. M., "Herald" Buildings, Queen Street, Auckland.
- Niccol, G., Custom Street West, Auckland.
- Nicholson, O., Imperial Buildings, Queen Street, Auckland.
- Nolan, H. O., St. Stephen's Avenue, Parnell.
- O'Connor, M., St. John's Avenue, Epsom.
- Oliphant, P., 24, Symonds Street, Auckland.
- \*Oliver, W. R. B., H.M. Customs, Auckland.
- Osmond, G. B., Royal Insurance Buildings, Queen Street, Auckland.
- Ostler, H. H., care of Jackson & Russell, Shortland Street, Auckland.
- Owen, Professor, G., D.Sc., University Buildings, Auckland.
- Pacey, H. E., Hamilton Road, Ponsonby.
- Parr, C. J., C.M.G., M.P., Shortland Street, Auckland.
- Partridge, H. E., Queen Street, Remuera.
- Patterson, Colonel G. W. S., Shortland Street, Auckland.
- Peacock, T., Queen Street, Auckland.
- Petrie, D., Rosmead, Epsom.
- Philson, W. W., Colonial Sugar Co., Quay Street, Auckland.
- Pond, J. A., F.C.S., Queen Street, Auckland.
- Poole, G. S., Harbour Board Offices, Auckland.
- Porter, A., care E. Porter & Co., Queen Street, Auckland.
- Pountney, W. H., Fort Street, Auckland.
- Powell, F. E., C.E., Ferry Buildings, Queen Street, Auckland.
- Price, E. A., care Buchanan & Price, Albert Street, Auckland.
- Price, T. G., 109, Queen Street, Auckland.
- Pryor, S. H., 26, Pencarrow Avenue, Mt. Eden.
- Pulling, Miss, Diocesan School, Epsom.
- Purchas, Dr. A. C., care Auckland Institute, Auckland.
- Pycroft, A. T., Railway Offices, Auckland.
- Ralph, W. J., Princes Street, Auckland.
- Ralph, E. V., Arthur Street, Ponsonby.
- Rangihiroa, Dr., care of Auckland Institute, Auckland.
- Rawnsley, S., Quay Street, Auckland.
- Rawson, G. A., 31, Ferry Buildings, Queen Street.
- Reed, J. R., K.C., Cleave's Buildings, High Street, Auckland.
- Reid, J., 43, Fort Street, Auckland.
- Renshaw, F., care Sharland & Co., Lorne Street, Auckland.
- Rhodes, C., Ronaki, Remuera.
- Richmond, H. P., Arney Road, Remuera.
- Robb, J., Victoria Avenue, Mount Eden.
- Robertson, A. B., Heather, Robertson, & Co., Fort Street, Auckland.
- Robertson, Dr. E., Market Road, Remuera.
- Robertson, Dr. Carrick, Alfred Street, Auckland.
- Robertson, Jas., Market Road, Remuera.
- Roche, H., Horahora, near Cambridge, Waikato.
- Rolfe, W., care Sharland & Co., Lorne Street, Auckland.

# AIM Ann Report 1916 to 1917

- Rollett, F. C., "Herald" Office,  
Queen Street, Auckland.  
Rountree, S. C., Auckland Savings  
Bank, Auckland.  
Rowe, J., Onehunga.
- Scott, Rev. D., The Manse, One-  
hunga.  
Seegner, C., St. Stephen's Avenue,  
Parnell.  
Segar, Professor H. W., M.A.,  
Manukau Road, Parnell.  
Shakespear, Mrs. R. H., Whanga-  
paraoa, near Auckland.  
Shaw, F., Vermont Street, Pon-  
sonby.  
Shaw, H., Marino, York Street,  
Parnell.  
Shepherd, H. M., Birkenhead.  
Simmonds, Rev. J. H., Wesley  
Training College, Epsom.  
Simson, T., Mt. St. John Avenue,  
Epsom.  
Sinclair, A., Kuranui, Symonds  
Street, Auckland.  
Sinclair, G., care Pilkington &  
Co., Queen Street, Auckland.  
Skelton, Hall, Watson's Buildings,  
Queen Street, Auckland.  
Skeet, H. M., Pencarrow Avenue,  
Mount Eden.  
Smeeton, H. M., Binswood, View  
Road, Mount Eden.  
Smith, Captain James, Franklin  
Road, Ponsonby.  
Smith, H. G. Seth, Russell, Bay  
of Islands.  
\*Smith, S. Percy, F.R.G.S., New  
Plymouth.  
Smith, W. Todd, Brooklands,  
Alfred Street, Auckland.  
Somers, W. C., care Russell &  
Somers, Custom Street, Auck-  
land.  
Somerville, Dr. J., Alfred Street,  
Auckland.  
Somerville, J. M., Chelsea, Auck-  
land.  
Spedding, J. C., Market Road,  
Remuera.  
Stewart, D. F., care of R. S. Lamb  
& Co., 32, Jamieson Street,  
Sydney.  
Stewart, J. W., Wyndham Street,  
Auckland.  
Stewart, John A., Kainga-tonu,  
Ranfurly Road, Epsom.
- Stewart, R. Leslie, care Brown &  
Stewart, Swanson Street, Auck-  
land.  
Streeter, S. C., Enfield Street,  
Mount Eden.  
Stevens, J. L., care Auckland  
Institute, Auckland.  
Swan, H. C., Henderson.  
Swanson, W., Church Street,  
Devonport.
- Talbot, Dr. A. G., A.M.P. Build-  
ings, Queen Street, Auckland.  
Taylor, W., Kempthorne, Prosser,  
& Co., Albert Street, Auckland.  
Thomas, Professor A. P. W.,  
Mountain Road, Epsom.  
Thompson, G., Burwood Crescent,  
Remuera.  
Thornes, J., Queen Street, Auck-  
land.  
Tibbs, J. W., M.A., Grammar  
School, Auckland.  
\*Tinne, H., Union Club, Trafalgar  
Square, London.  
Tole, Hon. J. A., Queen Street,  
Auckland.  
Trounson, J., Northcote.  
Tudehope, R., Wellesley Street  
West, Auckland.  
Tunks, C. J., care Jackson &  
Russell, Shortland Street, Auck-  
land.
- Upton, J. H., Bank of New Zea-  
land Buildings, Swanson Street,  
Auckland.  
Upton, P., South British Insur-  
ance Co., Queen Street, Auck-  
land.
- Vaile, E. E., Broadlands, Waio-  
tapu.  
Vaile, H. E., Queen Street, Auck-  
land.
- Wade, H. L., Brunswick Build-  
ings, Queen Street, Auckland.  
Wake, F. W., Cleave's Buildings,  
High Street, Auckland.  
Walker, Professor Maxwell, Uni-  
versity College, Auckland.  
Walklate, J. J., Electric Tram-  
ways Co., Auckland.  
Wallace, T. F., Waihi Gold Min-  
ing Co., Shortland Street, Auck-  
land.

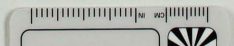
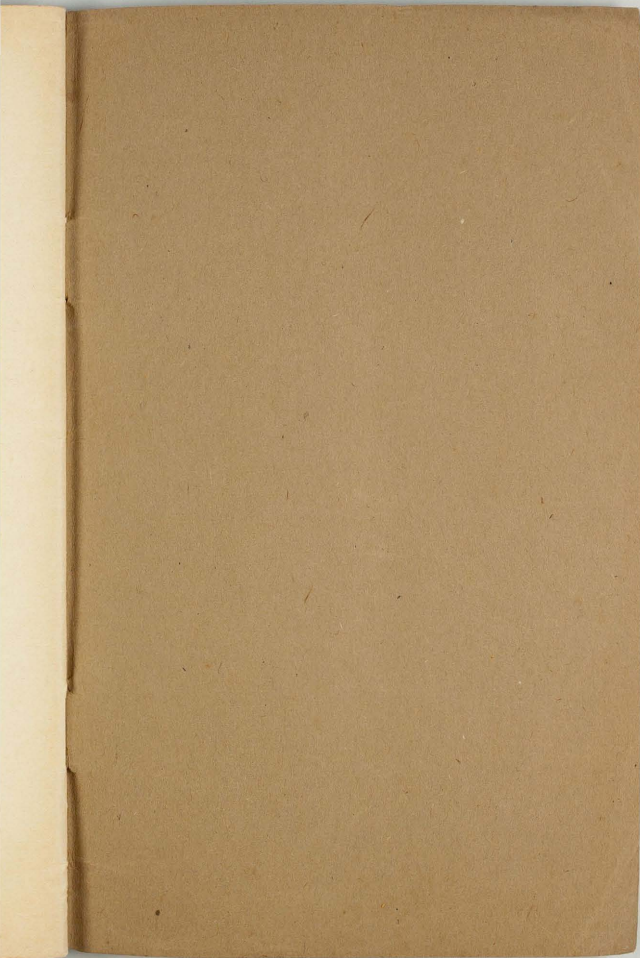
- Walters, J. R., Onslow Road, Kingsland, Auckland.
- Ward, Percy, Mountain Road, Remuera.
- Ware, W., Portland Road, Remuera.
- Warnock, J. A., 2, King Street, Grey Lynn.
- Watson, Rev. C. A. B., St. Paul's Vicarage, Auckland.
- Wells, T. U., Westbourne Road, Remuera.
- White, R. W., Wellington Street, Auckland.
- Whitley, W. S., Albert Street, Auckland.
- Whitney, C. A., Colonial Ammunition Co., Mount Eden.
- Whittome, F., Carlton Road, Newmarket.
- Wilson, A. P., Victoria Avenue, Remuera.
- Wilson, F. W., "Herald" Buildings, Queen Street, Auckland.
- Wilson, John, Portland Cement Co., Shortland Street, Auckland.
- Wilson, J. M., Portland Road, Remuera.
- Wilson, Liston, Mountain Road, Remuera.
- Wilson, Martyn, Rozelle, Lower Remuera.
- Wilson, R. M., Russell Road, Remuera.
- Wilson, W. R., "Herald" Office, Queen Street, Auckland.
- Winkelmann, H., Victoria Arcade, Auckland.
- \*Winstone, F. A., Claude Road, Epsom.
- Winstone, G., Custom Street East, Auckland.
- Wiseman, F., Queen Street, Auckland.
- Wiseman, J. W., Albert Street, Auckland.
- \*Withy, E., care of Auckland Institute, Auckland.
- \*Wood, Right Rev. C. J., D.D., Bishop of Melanesia, Norfolk Island.
- Woodward, W. E., Union Bank of Australia, Queen Street, Auckland.
- Worley, Professor F. P., D.Sc., University College, Auckland.
- Wright, R., care of A. B. Wright & Co., Commerce Street, Auckland.
- Wyllie, A., C.E., Electrical Power Office, Breakwater Road, Auckland.
- Yates, E., Albert Street, Auckland.
- Young, J. L., care of Henderson & Macfarlane, Fort Street, Auckland.

AIM Ann Report  
1916 to 1917

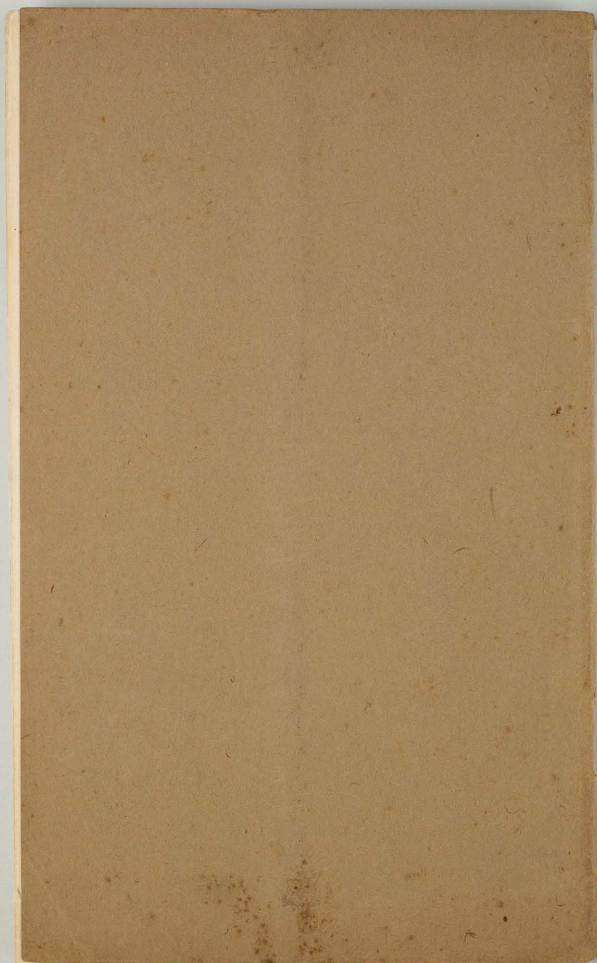




AIM Ann Report  
1916 to 1917



AIM Ann Report  
1916 to 1917



AIM Ann Report  
1916 to 1917

AUCKLAND INSTITUTE AND MUSEUM,  
AUCKLAND, NEW ZEALAND,

*March, 1917.*

*Sir,*

*I have the pleasure of drawing your attention to the Annual Report of the Auckland Institute and Museum, of which you are a member.*

*I trust that you will aid the important objects of the Institute by exercising your influence on its behalf, and by inducing your friends to become members. Any names of intending subscribers may be communicated to Mr. T. F. Cheeseman, the Secretary and Curator, who will see that they are duly enrolled.*

*Yours faithfully,*

J. H. GUNSON,

*President.*